

J. DAVIS

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TECH CENTER 1600/2900

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/550,173

DATE: 07/18/2001
TIME: 10:19:33

Input Set : A:\2185-0424P.ST25.txt
Output Set: N:\CRF3\07182001\I550173.raw

ENTERED

3 <110> APPLICANT: OOE, Norihisa
4 MATSUNAGA, Haruyuki
6 <120> TITLE OF INVENTION: CELL FOR MEASURING THE ABILITY TO CONTROL THE ACTIVITY
7 OF A LIGAND-RESPONSIVE TRANSCRIPTION CONTROL FACTOR
9 <130> FILE REFERENCE: 2185-0424P
11 <140> CURRENT APPLICATION NUMBER: 09/550,173
12 <141> CURRENT FILING DATE: 2000-04-14
14 <150> PRIOR APPLICATION NUMBER: JP H11-106791
15 <151> PRIOR FILING DATE: 1999-04-14
17 <150> PRIOR APPLICATION NUMBER: JP H11-106792
18 <151> PRIOR FILING DATE: 1999-04-14
20 <150> PRIOR APPLICATION NUMBER: JP H11-106793
21 <151> PRIOR FILING DATE: 1999-04-14
23 <150> PRIOR APPLICATION NUMBER: JP H11-107774
24 <151> PRIOR FILING DATE: 1999-04-15
26 <160> NUMBER OF SEQ ID NOS: 34
28 <170> SOFTWARE: PatentIn Ver. 2.1
30 <210> SEQ ID NO: 1
31 <211> LENGTH: 6
32 <212> TYPE: DNA
33 <213> ORGANISM: Unknown Organism
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Description of Unknown Organism: consensus
37 sequence of a dioxin-responsive sequence
39 <220> FEATURE:
40 <221> NAME/KEY: Unsure
41 <222> LOCATION: (1)..(1)
42 <223> OTHER INFORMATION: n = t or a
44 <300> PUBLICATION INFORMATION:
45 <303> JOURNAL: J. Biol. Chem.
46 <304> VOLUME: 271
47 <306> PAGES: 3952-3958
48 <307> DATE: 1996-02-01
50 <400> SEQUENCE: 1

51 <210> SEQ ID NO: 2
52 <211> LENGTH: 16
53 <212> TYPE: DNA
54 <213> ORGANISM: Unknown Organism
55 <220> FEATURE:
56 <223> OTHER INFORMATION: Description of Unknown Organism: consensus
57 sequence of an estrogen-responsive sequence
58 <220> FEATURE:
59 <221> NAME/KEY: Unsure
60 <222> LOCATION: (7)..(9)
61 <223> OTHER INFORMATION: n = a,c,g,t any unknown or other.
62 <400> SEQUENCE: 2

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w 69 agtcannnt gacctt 16
72 <210> SEQ ID NO: 3
73 <211> LENGTH: 20
74 <212> TYPE: DNA
75 <213> ORGANISM: Artificial Sequence
77 <220> FEATURE:
78 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for PCR
79 with human genomic DNA.
81 <400> SEQUENCE: 3
82 ttgagctagg cacgcaaata 20
85 <210> SEQ ID NO: 4
86 <211> LENGTH: 20
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence: primer for PCR
92 with human genomic DNA
94 <400> SEQUENCE: 4
95 gcttgattg gcagagcaca 20
98 <210> SEQ ID NO: 5
99 <211> LENGTH: 51
100 <212> TYPE: DNA
101 <213> ORGANISM: mouse
103 <220> FEATURE:
104 <223> OTHER INFORMATION: The sequence is composed of nucleotide sequences
105 derived from a nucleotide sequence near the TATA
106 box of a mouse metallothionein I gene. The
107 sequence is introduced into mouse and human cells.
109 <400> SEQUENCE: 5
110 gatctcgact ataaagaggg caggctgtcc tcaagcgtca ccacgacttc a 51
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 52
115 <212> TYPE: DNA
116 <213> ORGANISM: mouse
118 <220> FEATURE:
119 <223> OTHER INFORMATION: The sequence is composed of nucleotide sequences
120 derived from a nucleotide sequence near the TATA
121 box of a mouse metallothionein I gene. The
122 sequence is introduced into mouse and human cells.
124 <400> SEQUENCE: 6
125 agcttgaagt cgtggtgacg cttagaggac agcctgcctt ctttatagtc ga 52
128 <210> SEQ ID NO: 7
129 <211> LENGTH: 33
130 <212> TYPE: DNA
131 <213> ORGANISM: Xenopus
133 <220> FEATURE:
134 <223> OTHER INFORMATION: The sequence is located at the upstream of a
135 Xenopus-derived vitellogenin gene containing a
136 recognition sequence of an estrogen receptor. The

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137 sequence is introduced into mouse and human cells.
139 <400> SEQUENCE: 7
140 tcgacaaaagt caggtcacag tgacctgatc aag 33
143 <210> SEQ ID NO: 8
144 <211> LENGTH: 31
145 <212> TYPE: DNA
146 <213> ORGANISM: Artificial Sequence
148 <220> FEATURE:
149 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for PCR
150 with pTK beta
152 <400> SEQUENCE: 8
153 cggcagatct tctttatgttc tatgtatgaca c 31
156 <210> SEQ ID NO: 9
157 <211> LENGTH: 29
158 <212> TYPE: DNA
159 <213> ORGANISM: Artificial Sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for PCR
163 with pTK beta
165 <400> SEQUENCE: 9
166 cggaaagcttg atctgcggca cgctgttga 29
169 <210> SEQ ID NO: 10
170 <211> LENGTH: 35
171 <212> TYPE: DNA
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for PCR
176 with human cDNA
178 <400> SEQUENCE: 10
179 cctgcgggaa cacggctgtc accctgccccg cggcc 35
182 <210> SEQ ID NO: 11
183 <211> LENGTH: 35
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for PCR
189 with human cDNA
191 <400> SEQUENCE: 11
192 cagggagctc tcagactgtg gcagggaaac cctct 35
195 <210> SEQ ID NO: 12
196 <211> LENGTH: 40
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for
202 adding Kozak consensus sequence to human cDNA
204 <400> SEQUENCE: 12
205 cccagccacc atgaccatga ccctccacac caaagcatct 40
208 <210> SEQ ID NO: 13

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209 <211> LENGTH: 35
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial Sequence
213 <220> FEATURE:
214 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for
215 adding Kozak consensus sequence to human cDNA
217 <400> SEQUENCE: 13
218 caggagctc tcagactgtg gcagggaaac cctct 35
221 <210> SEQ ID NO: 14
222 <211> LENGTH: 35
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for PCR
228 with human cDNA
230 <400> SEQUENCE: 14
231 ttgagttact gagtccgatg aatgtgcttg ctctg 35
234 <210> SEQ ID NO: 15
235 <211> LENGTH: 35
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for PCR
241 with human cDNA
243 <400> SEQUENCE: 15
244 aaatgaggga ccacacagca gaaagatgaa gccca 35
247 <210> SEQ ID NO: 16
248 <211> LENGTH: 55
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial Sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for
254 adding Kozak consensus sequence to human cDNA
256 <400> SEQUENCE: 16
257 gccgcggccg cccagccacc atggatataa aaaactcacc atctagcctt aattc 55
260 <210> SEQ ID NO: 17
261 <211> LENGTH: 43
262 <212> TYPE: DNA
263 <213> ORGANISM: Artificial Sequence
265 <220> FEATURE:
266 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for
267 adding Kozak consensus sequence to human cDNA
269 <400> SEQUENCE: 17
270 gggtctagaa atgagggacc acacagcaga aagatgaagc cca 43
273 <210> SEQ ID NO: 18
274 <211> LENGTH: 52
275 <212> TYPE: DNA
276 <213> ORGANISM: mouse
278 <220> FEATURE:

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279 <223> OTHER INFORMATION: The sequence is derived from a nucleotide sequence
280 near the TATA box of a mouse metallothionein I
281 gene. The sequence is used for human cells. The
282 sequence is introduced into human cells.
284 <400> SEQUENCE: 18
285 gatctcgact ataaagaggg caggctgtcc tctaagcgtc accacgactt ca 52
288 <210> SEQ ID NO: 19
289 <211> LENGTH: 52
290 <212> TYPE: DNA
291 <213> ORGANISM: mouse
293 <220> FEATURE:
294 <223> OTHER INFORMATION: The sequence is derived from a nucleotide sequence
295 near the TATA box of a mouse metallothionein I
296 gene. The sequence is used for human cells. The
297 sequence is introduced into human cells.
299 <400> SEQUENCE: 19
300 agcttgaagt cgtggtgacg cttagaggac agcctgcctt ctttatagtc ga 52
303 <210> SEQ ID NO: 20
304 <211> LENGTH: 35
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for PCR
310 with human cDNA
312 <400> SEQUENCE: 20
313 gaggcggggt aaggaaagta ggtgaaagat tcagc 35
316 <210> SEQ ID NO: 21
317 <211> LENGTH: 35
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
321 <220> FEATURE:
322 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for PCR
323 with human cDNA
325 <400> SEQUENCE: 21
326 ggggtggggaa atagggttca caatgcttca ctggg 35
329 <210> SEQ ID NO: 22
330 <211> LENGTH: 40
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence:primer for
336 adding Kozak consensus sequence to human cDNA
338 <400> SEQUENCE: 22
339 cccagccacc atgaaagtgc agttagggct ggaaagggtc 40
342 <210> SEQ ID NO: 23
343 <211> LENGTH: 35
344 <212> TYPE: DNA
345 <213> ORGANISM: Artificial Sequence
347 <220> FEATURE:

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/550,173

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Input Set : A:\2185-0424P.ST25.txt

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L:51 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2